



Document	ISO Datasheet
Description	ABS FR
Grade	DAFNELAC FXC
Code	
Application	COFFEE MACHINE

High flow, good mechanical properties. Flame Retardant grade with halogens.

Properties	Method	Unit	Value
Physical			
Melt flow rate (220°C – 10 Kg)	ISO 1133	g/10'	25
Density at 23°C	ISO 1183	g/cm ³	1,18 – 1,20
Mould Shrinkage (%)	INTERNAL	%	0,4 – 0,6
Thermal			
Vicat B50	ISO 306	°C	90
HDT, A (1.80 MPa)	ISO 75/Ae	°C	72
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2500
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	42
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	10
Flammability			
Flammability class (1,0 mm)	UL94		V1
Flammability class (3,0 mm)	UL94		V0
Flammability class V0-5VA (1,7 mm)	UL94		V0-5VA
Processing Conditions			
Melt Temperature Range	ISO 294	°C	200 - 230
Mold Temperature Range	ISO 294	°C	60 - 80
Injection Velocity	ISO 294		High
Drying Temperature		°C	70 - 80
Drying Time		h	0,5 - 2
Regulations compliance			
RoHS compliance status:	COMPLIANT		

EN71:

UL listed file n°:

QMFZ2.E220931

Water contact approvals.

Food contact status:

§ Moulding shrinkage is not an intrinsic property of plastics. It also depends on moulding parameters. The values reported have been calculated in the direction parallel to the flow in a 4.0 x 10.0 x 170 mm sample.

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